

# The Western Journal of Medicine

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## SUBMITTING MANUSCRIPTS

**"Information for Authors"**—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

**Author Responsibility**—Authors are responsible for all statements, conclusions and methods of presenting subjects. These may or may not be in harmony with the views of the editorial staff. The aim is to permit as wide a latitude as the general policy of the journal and the demands on space may permit. The right to reduce, revise or reject any manuscript is always reserved. Articles are accepted on condition that they are contributed solely to this journal.

**Manuscripts**—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The original manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

**Clinical Investigation**—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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## CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 44 Gough St., San Francisco 94103; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

## ALLERGY AND IMMUNOLOGY

December 27-29—**Allergy and Asthma.** Hawaii Medical Association and Hawaii AAFP at Royal Lahaina Resort, Maui. Thursday-Saturday. \$275. 13.5 hrs. Contact: Joe Harrison, MD, Dir., PO Box 10185, Lahaina, Maui 96761.

January 3-5—**Allergy and Dermatology.** Symposium Maui, Hawaii Medical Association, and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday. 13.5 hrs. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

January 10-12—**Allergy and Immune Diseases in Children.** Symposium Maui, Hawaii Medical Association and Hawaii American Academy of Family Practice at Royal Lahaina Resort, Maui. Thursday-Saturday. 13.5 hrs. \$275. Contact: Symposium Maui, Joe Harrison, MD, Director, PO Box 10185, Lahaina, Maui 96761.

February 27-March 2—**9th Annual Course: Immunology and the Clinical Practice of Allergy.** UCSD at Vacation Village Resort, San Diego. Wednesday-Sunday. Up to 20 hrs. Contact: UCSD.

March 18-20—**Problem Areas in the Immunization Cycle.** American College of Preventive Medicine at San Diego. Monday-Wednesday. Contact: National Council for International Health, 2100 Pennsylvania Ave. N.W., Ste. 740, Washington, DC 20073.

## ANESTHESIOLOGY

January 10-13—**Anesthesia Update.** UCSD at Hotel Intercontinental, San Diego. Thursday-Sunday. 20 hrs. Fee: \$100-\$250. Contact: UCSD.

January 25-27—**23rd Annual Clinical Conference in Pediatric Anesthesiology.** Pediatric Anesthesiology Foundation and Childrens Hospital of Los Angeles at Los Angeles. Friday-Sunday. Contact: Wayne Herbert, MD, Program Dir., Ped. Anes. Fndn., PO Box 54700, Los Angeles 90054. (213) 669-2262.

## CANCER

January 18-19—**Urological Cancer.** USC. Friday-Saturday.

January 19—**Avoidable Cancer: Cause and Control.** UCI. Saturday. 6 hrs. Fee: \$30. Contact: UCI.

February 6—**Impact of Questionable Cancer: Treatments on Oncology Practice Today.** Hospital of Good Samaritan at Biltmore Hotel, Los Angeles. Wednesday. 6 hrs. Contact: Dolores Gay, Coordinator of Symposium, 616 S. Witmer St., Los Angeles 90017. (213) 977-2352.

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## KEY TO ABBREVIATIONS

- CMA: California Medical Association  
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW: Charles R. Drew Postgraduate Medical School  
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University  
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC: Pacific Medical Center  
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN: Stanford University  
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD: University of California, Davis  
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.
- UCI: University of California, Irvine  
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA: University of California, Los Angeles  
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego  
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF: University of California, San Francisco  
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC: University of Southern California  
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

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February 14-16—**Annual Oncology Review.** UCLA at Century Plaza Hotel. Thursday-Saturday. 20 hrs.

March 1-2—**Cancer and the Elderly.** West Coast Cancer Foundation at Sheraton Palace Hotel, San Francisco. Friday-Saturday. 12 hrs. Fee: \$150. Contact: West Coast Cancer Foundation, 50 Francisco, San Francisco 94133.

March 24—**One Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Kona Kai Club, San Diego, Sunday. 7 hrs. Fee: \$135. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138.

## CARDIOLOGY

January 12—"Tetralogy of Fallot" **Cardiac Lecture Series.** Heart Institute of the Desert at Annenberg Health Center, Rancho Mirage. Saturday. 2 hrs. Contact: Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage, CA 92270; (619) 568-2900.

January 18-19—**4th Clinical Conference on Congenital Heart Disease.** Childrens Hospital of Los Angeles at Sheraton Grande Hotel, Los Angeles. Friday-Saturday. 10 hrs. Contact: Masato Takahashi, MD, Division of Cardiology, Childrens Hospital of Los Angeles, PO Box 54700, Los Angeles 90054-0700. (213) 669-2461.

January 25-27—**Vascular and Pulmonary Disease: Diagnosis and Management.** University of Colorado Health Sciences Center at MGM Grand Hotel, Las Vegas. Friday-Sunday. 13 hrs. Contact: Med. Ed. Resources, 5808 S. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

January 28-31—**3rd Annual Cardiology Update.** Institute for Medical Studies at Sheraton-Waikiki, Hawaii. Monday-Thursday. 15 hrs. Fee: \$395. Contact: Kim Stroich, Institute for Medical Studies, 30131 Town Center Rd., Ste. 215, Laguna Miguel, CA 92677. (714) 495-4499.

February 8-10—"Case Studies in Cardiology": **A Cardiology Review for Clinicians.** The Presbyterian Heart Institute at Presbyterian Hospital, Albuquerque, NM. Friday-Sunday. 19 hrs. Fee: \$150. Contact: Gilbert Raff, MD, (505) 242-2796.

February 9—"Ischemic Mitral Regurgitation" **Cardiac Lecture Series.** Heart Institute of the Desert at Annenberg Health Center, Rancho Mirage. Saturday. 2 hrs. Contact: Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage, CA 92270. (619) 568-2900.

February 15-17—**Vascular and Pulmonary Diseases: Diagnosis and Management.** University of Colorado Health Sciences Center at International Hotel, Palm Springs. Friday-Sunday. 13 hrs. Contact: Medical Education Resources, 5808 S. Rapp St., Ste. 202, Littleton, CO 80120. (800) 421-3756.

February 22-24—**Coronary Artery Disease and Sudden Death: Primary and Secondary Prevention.** International Medical Education Corp. at Americana Canyon, Palm Springs. Friday-Sunday. 13 hrs. Fee: \$295. Contact: IMEC, 64 Inverness Dr. E, Englewood, CO 80112.

March 1-3—**ECG Interpretation and Arrhythmia Management.** International Medical Corp. at Desert Inn, Las Vegas. Friday-Sunday. 13 hrs. Fee: \$295. Contact: IMEC, 64 Inverness Dr. E, Englewood, CO 80112.

March 13—**Cardiology: Arrhythmias-Recognition and Treatment at LLU.** Wednesday. 4 hrs.

March 16—**Cardiac Lecture Series: "Cardiovascular Trauma Texas Style."** Heart Institute of the Desert at Annenberg Center, Rancho Mirage. Saturday. 2 hrs. Contact: Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage, CA 92270.

March 22-24—**Cardiology for the Primary Care Physician.** UCSD at Palm Springs Spa Hotel. Friday-Sunday. 18 hrs.

March 25-29—**Vascular and Pulmonary Diseases: Diagnosis & Management.** Medical Education Resources at Sheraton Maui, HI. 13 hrs. Fee: \$275. Contact: Leslie Shaffer, Medical Education Resources, 5808 S. Rapp St., Ste 202, Littleton, CO 80120. (303) 798-9682.

## EMERGENCY MEDICINE

January 14-18—**Postgraduate Institute for Emergency Physicians: Symposium I.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 13-36 hrs. Fee: \$200-\$675. Contact: UCSD.

January 19-26—**Management of Traumatic Emergencies.** UCSD at Kona Surf Resort, Kona, HI. Sunday-Sunday. 21 hrs. Fee: \$315-\$430. Contact: UCSD.

January 28-30—**Trauma: 1985.** UCSD at Vacation Village Resort, San Diego. Monday-Wednesday. 20 hrs.

February 4-8—**Topics in Emergency Medicine.** UCSF at Holiday Inn Union Square, San Francisco. Monday-Friday. 35 hrs. Fee: \$425.

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**XANAX® Tablets**  
(alprazolam) ©

**CONTRAINDICATIONS**

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

**WARNINGS**

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

**PRECAUTIONS**

**General:** The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. (See Drug Interaction section.) Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. (See Dosage and Administration.) Observe the usual precautions in treating patients with impaired renal or hepatic function.

**Information for Patients:** Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

**ADVERSE REACTIONS**

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

**Central nervous system:** Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

**Gastrointestinal:** Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

**Cardiovascular:** Tachycardia/palpitations, and hypotension.

**Sensory:** Blurred vision.

**Musculoskeletal:** Rigidity and tremor.

**Cutaneous:** Dermatitis/allergy.

**Other side effects:** Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

**DRUG ABUSE AND DEPENDENCE**

**Physical and Psychological Dependence:** Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

**DOSAGE AND ADMINISTRATION**

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-3-S



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CONTINUING MEDICAL EDUCATION

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**February 24-March 1—Emergency Medicine: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Sunday. Contact: UCD.

**February 25-28—Critical Care Medicine.** USC at MGM Grand Hotel, Las Vegas. Monday-Thursday. Contact: USC.

**INTERNAL MEDICINE**

**January 9—Urology—The Prostate.** LLU at LLU Medical Center. Wednesday. Contact: LLU.

**January 24-26—Nephrology for the Consultant.** UCSD at Sheraton Harbor Island West, San Diego. Thursday-Saturday. 18 hrs. Fee: \$300. Contact: UCSD.

**January 24-26—Advanced Nephrology: Nephrology for the Consultant.** UCSD at Sheraton Harbor Island West, San Diego. Thursday-Saturday. 18 hrs. Contact: UCSD.

**February 8-9—Infectious Disease: Clinical Update.** UCD at Red Lion Motor Inn, Sacramento. Friday-Saturday. Contact: UCD.

**February 12-17—18th Annual Recent Advances in Neurology.** UCSF at Fairmont Hotel, San Francisco. Tuesday-Sunday. Contact: UCSF.

**February 13-14—Rheumatology Subspecialty Course.** UCSD at Town and Country Hotel, San Diego. Wednesday-Thursday. 12 hrs.

**February 15-19—10th Annual Postgraduate Topics in Internal Medicine.** UCSD at Town and Country Hotel, San Diego. Wednesday-Tuesday. 36 hrs.

**February 17-22—Advanced Problems in Infectious Diseases and Toxicology.** UCSD at Continental Inn, Aspen. Sunday-Friday. 21 hrs. Fee: \$315-\$430. Contact: UCSD.

**February 21-24—Federation of Societies of Neurological Science** at Hotel Intercontinental, San Diego. Thursday-Friday. 18 hrs. Contact: James Grisolia, MD, 4020 5th Ave., Ste. 404, San Diego 92138. (619) 297-1155.

**February 27-March 2—Gastroenterology Subspecialty Course.** UCSD at Town and Country Hotel, San Diego. Wednesday-Saturday. 12 hrs.

**March 8-10—Frontiers of Rheumatology.** Annenberg Center for Health Science, Rancho Mirage. Friday-Sunday. Contact: Eisenhower Medical Center, 39000 Bob Hope Dr., Rancho Mirage, CA 92270.

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### **Motrin® Tablets (ibuprofen)**

**Contraindications:** Anaphylactoid reactions have occurred in individuals hypersensitive to *Motrin* Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

**Warnings:** Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use *Motrin* Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If *Motrin* Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with *Motrin* Tablets. **Precautions:** Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue *Motrin* Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

**Fluid retention and edema** have been associated with *Motrin* Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of *Motrin* Tablets safety in patients with chronic renal failure have not been done.

*Motrin* Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when *Motrin* Tablets are added.

The antipyretic, anti-inflammatory activity of *Motrin* Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), *Motrin* should be discontinued.

**Drug interactions.** Aspirin: used concomitantly may decrease *Motrin* blood levels.

Coumarin: bleeding has been reported in patients taking *Motrin* and coumarin.

**Pregnancy and nursing mothers:** *Motrin* should not be taken during pregnancy or by nursing mothers.

**Adverse Reactions:** The most frequent type of adverse reaction occurring with *Motrin* is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

**Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship**

**Gastrointestinal:** Nausea,\* epigastric pain,\* heartburn,\* diarrhea,\* abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,\* headache, nervousness; **Dermatologic:** Rash\* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

**Incidence less than 1%—Probable Causal Relationship\*\***

**Gastrointestinal:** Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

**Incidence less than 1%—Causal Relationship Unknown\*\***

**Gastrointestinal:** Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

\*Reactions occurring in 3% to 9% of patients treated with *Motrin*. (Those reactions occurring in less than 3% of the patients are unmarked.)

\*\*Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

**Overdosage:** In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

**Dosage and Administration:** Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

**Caution:** Federal law prohibits dispensing without prescription.

MED B-7S

*Motrin* is a registered trademark of The Upjohn Manufacturing Company.

**Upjohn** The Upjohn Company  
Kalamazoo, Michigan 49001

## CONTINUING MEDICAL EDUCATION

(Continued from Page 764)

**March 13-16—Office Endocrinology: 1985.** UCSF at Granlibakken Ski and Raquet Resort, Tahoe City. Wednesday-Saturday.

**March 18-20—Gastroenterology Course.** UCSF at Yosemite. Monday-Wednesday. Contact: UCSF.

**March 19-22—Internal Medicine Update.** UCD at Red Lion Motor Inn, Sacramento. Tuesday-Friday.

## OBSTETRICS AND GYNECOLOGY

**February 3-7—OB/GYN Update: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Thursday. Contact: UCD.

**February 9-10—Los Angeles OB/GYN Forum.** Los Angeles OB/GYN Society at Beverly Hilton Hotel, Beverly Hills. Saturday-Sunday. 10 hrs. Fee: \$80. Contact: Director of Medical Education, LA OB/GYN Society, 5820 Wilshire Blvd, #500, Los Angeles, CA 90036. (213) 937-5514.

**February 9-16—13th Obstetric Anesthesia Conference.** Ohio State University at Sheraton Waikiki Hotel, Waikiki, HI. One week. 20 hrs. Contact: Arlene Rogers, OSUH, Department of Anesthesiology, 410 W. 10th Ave., Columbus, OH 43210. (614) 421-8487.

**February 11-15—San Diego Abdominal and Obstetrical Imaging Symposium Update.** UCSD at Hotel Intercontinental, San Diego. Fee: \$425. Contact: UCSD.

**February 16-23—Perinatal Medicine.** USC at Royal Lahaina, Maui, HI. One week.

**February 23—OB/GYN.** UCSF at Fresno. Saturday. Contact: UCSF.

**March 2-9—6th Annual Symposium on Current Topics in Obstetrics.** UCI at Aspen, Colorado. One week. 23 hrs. Contact: UCI.

**March 7-10—Recent Advances in OB/GYN: 8th Annual.** UCSD at Hotel Intercontinental, San Diego. Thursday-Saturday. 21 hrs.

## OPHTHALMOLOGY

**January 24-25—YAG Laser Source.** UCSD at UCSD Medical Center. Thursday-Friday. 12 hrs. Contact: UCSD.

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# CONSULTANTS FOR **The Western Journal of Medicine** IN 1984

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*The editors wish to acknowledge with appreciation the valued services, beyond those of members of the Editorial Board, given by the following persons to the journal during the past year.*

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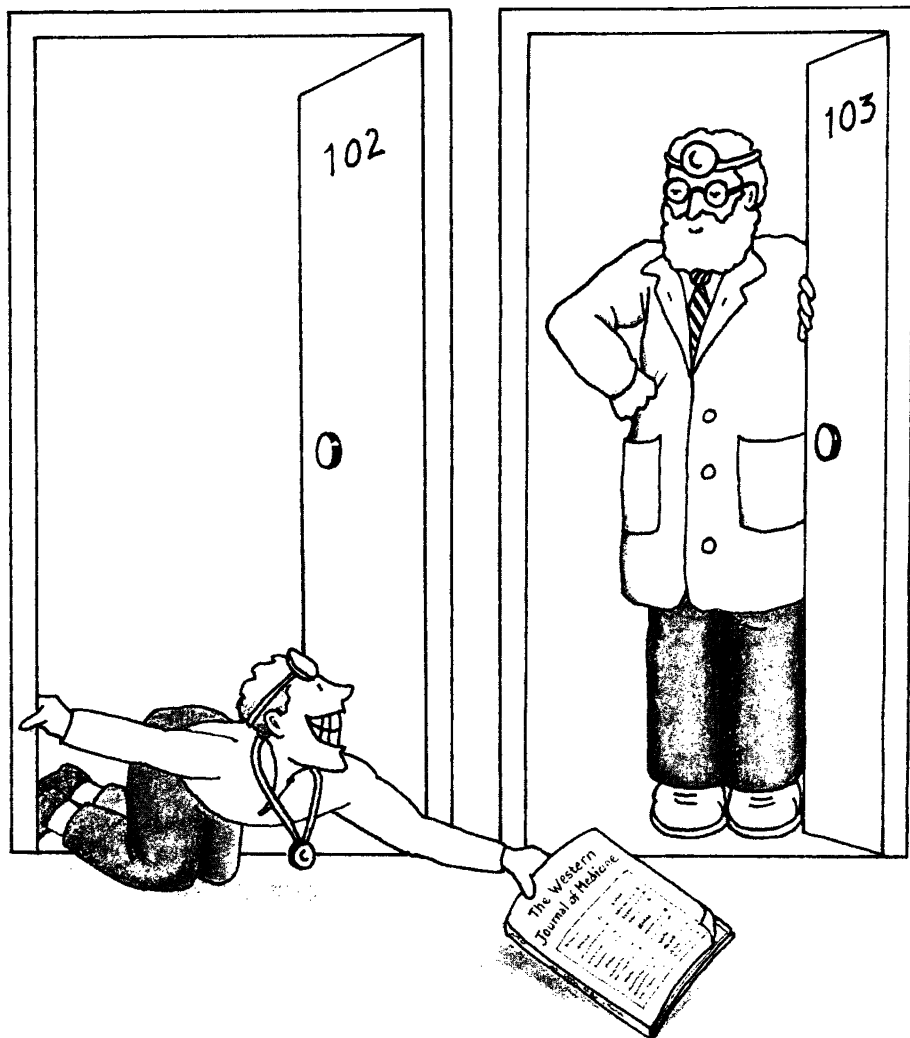
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**February 8-10—5th Annual Current Concepts in Ophthalmology 1985.** UCSD at Hotel Del Coronado, San Diego. Friday-Saturday. 15 hrs. Contact: UCSD.

**March 1-2—14th Jules Stein Seminar: Retino Vitreal.** Jules Stein Eye Institute at Century Plaza Hotel, Los Angeles. 16 hrs. Contact: JSEI, UCLA School of Medicine, Los Angeles 90024. (213) 825-4617.

**March 14-15—Modern Surgical Techniques and Their Effects of the Cornea.** Pacific Medical Center at Clift Hotel, San Francisco. Thursday-Friday. Contact: Pacific Medical Center, Continuing Education, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.

## PATHOLOGY

**February 3-6—12th Annual Course in Genitourinary Pathology.** UCI at Memorial Medical Center, Long Beach. Sunday-Wednesday. 36 hrs. Contact: UCI.

**February 16—Oxygen Radicals, Pathology and Aging.** UCSD at Holiday Inn at the Embarcadero, San Diego. Saturday.

## PEDIATRICS

**January 25-26—Advanced Fetal Heart Rate Monitoring Seminar.** UCI at South Coast Plaza Hotel, Costa Mesa. Friday-Sunday. 12 hrs. Contact: UCI.

**January 25-27—23rd Annual Clinical Conference in Pediatric Anesthesiology.** See Anesthesiology, January 25-27.

**February 2-9—Pediatric Emergencies.** UCSD at Snowbird Resort, Utah. One week. 21 hrs. Fee: \$315-\$350. Contact: UCSD.

**March 7-9—Brain Insults in Infants and Children: Pathology, Evaluation, Diagnosis and Acute Management.** UCSD at Holiday Inn Embarcadero, San Diego. 17 hrs. Contact: UCSD.

## PSYCHIATRY

**January 27-February 1—Midwinter Program for Psychiatrists.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday. Contact: UCD.

## RADIOLOGY

**February 27-March 1—5th Annual Approaches: Ra-**

**diologic, Oncology, Biology and Physics.** UCSF at Fairmont Hotel, San Francisco. Wednesday-Friday. Contact: UCSF.

**March 6-9—6th Annual Sierra Radiology Conference.** Sacramento Radiology Society at Hyatt Lake Tahoe, Incline Village. Wednesday-Saturday. 20 hrs. Contact: John P. Walter, PhD, MD, Program Director, Sacramento Radiology Research and Education Found., PO Box 19184, Sacramento 95819.

## SPORTS MEDICINE

**January 13-17—Sports Medicine: 1985.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Thursday. Contact: UCD.

**January 26—Nutrition for Athletic Performance.** American Heart Association at University of California at Berkeley, Berkeley. Saturday. 4 hrs. Fee: \$40. Contact: American Heart Association, PO Box 5157, Oakland 94605. (415) 632-9606.

**March 18-22—University of Hawaii Sports Medicine Course.** Ohio State University at Princess Kaiulani Hotel, Waikiki, HI. Monday-Friday. 18 hrs. Fee: \$280. Contact: Ms. Joy Lewis, Box CEW-CCECS, 2530 Dole St., Honolulu, HI 96822. (808) 948-8244.

## SURGERY

**January 11-12—Laser for the Plastic Surgeon.** Plastic Surgery Educational Foundation at Ralph K. Davies Medical Center, San Francisco. Friday-Saturday. 7 hrs. Contact: PSEF, Michigan Avenue National Bank, PO Box 94452, Chicago, IL 60690.

**January 14-18—Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

**January 18-19—Surgical Superbowl.** Santa Clara County Surgical Society at Hyatt San Jose. Friday-Saturday. 16 hrs. Contact: Richard Hardy, MD, 2505 Samaritan Dr. #302, San Jose 95124.

**January 18-19—7th Annual Postgraduate Course in Surgery.** UCD at Capitol Plaza Holiday Inn, Sacramento. Friday-Saturday. Contact: UCD.

**January 21-25—8th Annual San Diego Postgraduate Assembly in Surgery.** UCSD. Monday-Friday. Contact: UCSD.

**February 11-15—Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. Fee: \$1,200. Contact: UCSD.

**March 18-22—Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. Fee: \$1,200. Contact: UCSD.

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## CONTINUING MEDICAL EDUCATION

March 25-29—**Advanced Microsurgery Training  
Workshop.** UCSD. Monday-Friday. 34 hrs. Fee:  
\$1,200. Contact: UCSD.

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December 31—**4th Annual Potpourri of Medicine  
Seminar.** Huntington Memorial Hospital, Pasa-  
dena. Monday. 6 hrs. \$110. Contact: Med. Staff  
Coord., Huntington Memorial Hospital, 100 Cong-  
ress St., Pasadena 91105. (818) 440-5165.

January 14-18—**Intensive Course in Geriatric Medi-  
cine.** UCLA at Miramar-Sheraton Hotel, Santa  
Monica. Monday-Friday. 33.75 hrs. Fee: \$410.

January 17-19—**Physician & Hospital Conference.**  
USC at Hyatt Del Monte, Monterey. Thursday-  
Friday.

January 20-23—**54th Annual Midwinter Clinical  
Conference.** Research Study Club of Los Angeles at  
Los Angeles Hilton Hotel. Sunday-Wednesday. 24  
hrs. Contact: Louise Ball, Executive Secretary, PO  
Box 1464, South Pasadena 91030.

January 23-26—**Annual Review in Family Medicine:**

**Controversies and Challenges in Primary Care.**  
Sir Francis Drake Hotel, San Francisco. Wednes-  
day-Saturday.

January 25-26—**Physical and Occupational Therapy  
Program.** UCD at Beverly Garland, Sacramento.  
Friday-Saturday.

January 25-27—**Practical Dermatology & Dermato-  
logic Office Procedures for Primary Care Physi-  
cians.** UCSD at Vacation Village Resort, San  
Diego. Friday-Sunday. 20 hrs. Fee: \$325.

January 31-February 2—**Recent Advances in Geri-  
atric Medicine: Dementia in the Elderly.** UCSD at  
Holiday Inn at the Embarcadero, San Diego. Thurs-  
day-Saturday. 13 hrs. \$210.

February 1-3—**Primary Care Update: A Practical  
Approach.** Scripps Clinic and Research Foundation  
at Vacation Village Resort, San Diego. Friday-  
Sunday. 14 hrs. Contact: Dianne Tisue, Scripps  
Clinic, 10666 North Torrey Pines Rd., La Jolla  
92037.

February 6-8—**Neurology for Non-Neurologists.**  
UCSD at Holiday Inn at the Embarcadero, San  
Diego. Wednesday-Friday. 21 hrs. Contact: UCSD.

February 11-16—**UCI Family Practice Refresher**

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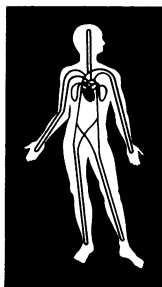
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Feb. 15-17 Palm Springs, CA	Jun. 21-23 Toronto, Canada
Feb. 22-24 New Orleans, LA	Jul. 19-21 Hilton Head, SC
Mar. 17-22 Cancun, Mexico	Jul. 26-28 Orlando, FL
Mar. 22-24 Ft. Lauderdale, FL	Aug. 2-4 Anaheim, CA
Mar. 29-31 Las Vegas, NV	Aug. 9-11 Cape Cod, MA
Apr. 19-21 Williamsburg, VA	Aug. 16-18 Monterey, CA

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## CONTINUING MEDICAL EDUCATION

**Course.** UCI at Newport Beach Sheraton Hotel. Monday-Friday. 58 hrs. Contact: UCI.

**February 11-22—Intensive Residency on Occupational Medicine.** UCSF at San Francisco. Two weeks. 80 hrs. Fee: \$1,000. Contact: UCSF.

**February 13-15—Clinical Laboratory Molecular Analysis: Future Direction.** Scripps Clinic and Research Foundation at Vacation Village San Diego. 21 hrs. Contact: Dianne Tisue, Scripps Clinic, 10666 North Torrey Pines Rd., La Jolla 92037. (619) 457-8556.

**February 22-23—American College of Physicians: 1985 Regional Scientific CME Meeting.** ACP at Doubletree Inn, Monterey. Friday-Saturday. Contact: Jerry P. Lewis, MD, 618 Francisco Place, Davis 95616.

**February 23-24—Expanding Horizons.** UCSF at Golden Gateway Holiday Inn, San Francisco. Saturday-Sunday. Contact: UCSF.

**February 28-March 2—California Medical Association Postgraduate Institute.** Curry Village, Yosemite. Thursday-Saturday. Contact: CMA, 44 Gough St., San Francisco 94103-1233.

**March 1—11th Annual Diabetes Program.** UCD. Friday.

**March 6-8—35th Annual Course for Physicians in Family Practice.** Mount Zion Hospital and Medical Center, San Francisco. Wednesday-Friday. Contact: Robin Jackson, Office of Continuing Education, PO Box 7921, San Francisco 94115. (415) 885-7269.

**March 7-10—Dermatologic Survey: State of the Art.** UCSF at Incline Village, Nevada. Thursday-Sunday. Fee: \$400.

**March 8-13—California Medical Association Annual Session** at Town and Country Hotel, San Diego. Friday-Wednesday. Contact: Barbara Smart, CMA, 44 Gough St., San Francisco 94103-1233. (415) 863-5522, ext. 404.

**March 10-13—New Strategies for Common Clinical Problems.** UCSF at Granlibakken Ski and Raquet Resort, Tahoe City. Sunday-Wednesday.

**March 13-17—Orthopaedic Symposium.** UCD at Silverado Country Club, Napa. Wednesday-Sunday.

**March 25-29—Family Practice Refresher Course—1985.** UCSF at Palm Springs Spa Hotel. Monday-Friday. 30 hrs.

**March 29-31—Office Emergencies in Primary Care.** Continuing Medical Education Associates at Hotel Del Coronado, San Diego. Friday-Sunday. 18 hrs. Fee: \$275. Contact: Jackie Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

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## IDAHO

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**February 16-23—Internal Medicine.** University of Washington School of Medicine at Elkhorn Resort, Sun Valley. One week. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

**February 17-22—11th Stanford-Palo Alto Medical Foundation Research Institute Winter Course in Infectious Diseases.** Sun Valley. Sunday-Friday. Contact: Registrar, American College of Physicians, 4200 Pine St., Philadelphia, PA 19104.

**February 23-March 2—Office Orthopaedics.** University of Washington School of Medicine at Elkhorn Resort, Sun Valley. One week. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

**March 2-9—Electromyography.** University of Washington School of Medicine at Elkhorn Resort, Sun Valley. One week. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

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## MONTANA

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**February 20-23—Big Sky Pulmonary/Ski Conference.** American Lung Association of Montana at Big Sky of Montana. Wednesday-Saturday. Contact: ALA of Montana, 825 Helena Ave., Helena 59601. (406) 442-6556.

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## NEW MEXICO

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Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For infor-

mation on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

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**January 12-13—3rd Annual Albuquerque Family Practice Seminar—Medical Issues in Gerontology.** Albuquerque. Saturday-Sunday. Marriott Hotel. 13 hrs. AMA Cat. I, AAFP Prescribed. Contact: NM Chapter, AAFP, PO Box 23070, Albuquerque 87192. (505) 298-5300.

**January 18-19—Carrie Tingley Hospital 15th Winter Orthopaedic Seminar.** Albuquerque. 10 hrs. AMA Cat. I. Friday-Saturday. Hilton Inn. Contact: Office of Medical Affairs, Carrie Tingley Hospital, PO Box 25447, Albuquerque 87125. (505) 841-9121.

**January 23-27—New Mexico Metabolism Symposium.** Taos. Wednesday-Sunday. Tennis Ranch. 12 hrs. AMA Cat. I. Contact: Office of CME, Lovelace Medical Center, 5400 Gibson SE, Albuquerque 87106. (505) 262-7353.

**February 1-3—Advances in Internal Medicine V.** Albuquerque. Friday-Sunday. 15 hrs. AMA Cat. I. Veterans Administration Medical Center. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**February 4-8—Alta Medical Conference.** Alta, Utah. Monday-Friday. 10 hrs. AMA Cat. I. Contact: New Mexico Mid-Winter Study Group, 717 Encino Pl. NE, #9, Albuquerque 87102. (505) 842-6762.

**February 14-15—Cardiovascular Ultrasonic Flowmetry.** Albuquerque. Thursday-Friday. 11½ hrs. AMA Cat. I. Contact: Lovelace Medical Foundation, 5400 Gibson Blvd. SE, Albuquerque 87108. (505) 262-7155.

**February 15-16—Heal Thyself—A Seminar Focusing on Quality of Life and Caring for Others.** Albuquerque. Friday-Saturday. Clarion Four Seasons. 11 hrs. AMA Cat. I. Contact: Office of CME, Presbyterian Hospital, Albuquerque 87102. (505) 841-1225.

**February 21-23—18th Annual OB/GYN Postgraduate Seminar.** Albuquerque. Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

**March 15-16—Primary Care Orthopaedics.** Albuquerque. Friday-Saturday. AMFAC Hotel. 15 hrs.

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AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

April 11-13—**Seventh Annual Pediatric Cardio-Pulmonary Update**. Thursday-Saturday. AMFAC Hotel. 15 hrs. AMA Cat. I. Contact: Office of CME, UNM SOM, Albuquerque 87131. (505) 277-3942.

## OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

## MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds**. Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (505) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds**. Nursing Education Building, Room 110. Contact: Department of Medicine, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7454.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds**. Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds**. Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference**. Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds**. Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds**. Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations**. Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds**. U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

(Continued on Page 917)

## CONTACT INFORMATION

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## FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

## DERMATOLOGY

March 27-28—**Dermatopathology Conference.** Portland. Wednesday-Thursday. Marriott Hotel. Contact: OHSU-CMA.

## FAMILY PRACTICE

February 11-15—**Family Practice Review Program.** Portland. Monday-Tuesday. Marriott Hotel. Contact: OHSU-CME.

March 1-2—**Difficult Problems in Surgery.** Portland. Friday-Saturday. Red Lion Lloyd Center. Contact: OHSU-CME.

## PATHOLOGY

March 27-28—**Dermatopathology Conference.** Portland. Wednesday-Thursday. Marriott Hotel. Contact: OHSU-CME.

## SURGERY

March 1-2—**Difficult Problems in Surgery.** Portland. Friday-Saturday. Red Lion Lloyd Center. Contact: OHSU-CME.

## OF INTEREST TO ALL PHYSICIANS

February 10—**Alcohol and Drug Symposium.** Portland. Sunday. Marriott Hotel. Contact: OHSU-CME.

February 28-March 3—**Update in Rheumatology—1985.** Bend. Thursday-Sunday. Inn of the Seventh Mountain. Contact: OHSU-CME.

(Continued on Page 920)

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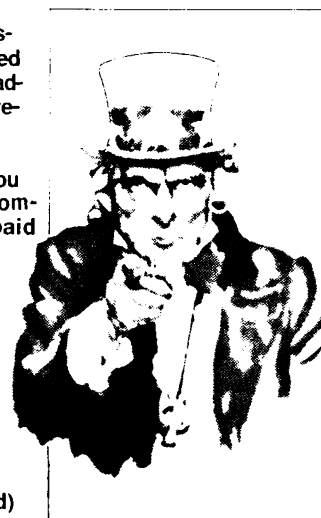
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## UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

## MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

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February 9-16—**8th Annual Update in Clinical Microbiology/Immunology** (Sponsor: University of Utah). Saturday-Saturday. Park City. Fee to be announced. 25 hrs. Contact: John Matsen, MD, (801) 581-7480.

February 12-15—**14th Annual Family Practice Refresher Course** (Sponsor: University of Utah). Tuesday-Friday. Salt Lake City. Fee to be announced. 28 hrs. Contact: Linda Twitchell, (801) 581-8633.

February 17-20—**26th Annual Ob/Gyn Update** (Sponsor: University of Utah). Sunday-Wednesday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

February 20-23—**Reproductive Endocrinology and Infertility** (Sponsor: University of Utah). Wednesday-Saturday. Park City Holiday Inn/Yarrow. Fee to be announced. 14 hrs. Contact: Maria Vescio, (801) 581-7647.

February 22-26—**30th Annual Postgrad Course in Anesthesiology** (Sponsor: University of Utah). Friday-Tuesday. Salt Lake City. Fee to be announced. 16 hrs. Contact: Vicky Larsen, (801) 581-6115.

February 25-March 1—**Advances in Internal Medicine** (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 4-8—**Medical and Surgical Advances in Gastroenterology** (Sponsor: University of Utah). Monday-Friday. Snowbird. Fee to be announced. 25 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 6-8—**Common Problems in Pediatrics VII** (Sponsor: University of Utah). Wednesday-Friday. Little America Hotel, Salt Lake City. Fee to be announced. 12 hrs. Contact: Wendy Ellis, (801) 363-1887 or Robert Bolte, MD, (801) 363-1221.

## SPONSORS OF COURSES—ABBREVIATIONS

- AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
- FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
- HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
- HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
- LDSH: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
- OEH: Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
- SHCC: Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
- SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
- UAFF: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
- UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
- USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
- UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.



**March 12-22—Transport Workshop: Neonatal-Maternal-Administration** (Sponsor: University of Utah). Tuesday-Friday. Salt Lake City. Fee to be announced. 69½ hrs. Contact: Anne Shanahan, (801) 581-2730.

**March 18-22—5th Annual Nutrition in Contemporary Medicine Symposium** (Sponsor: University of Utah). Monday-Friday. Park City. Fee to be announced. 29 hrs. Contact: M. Rita Thomas, MD, (801) 581-3581.

**March 21-23—Practical Neurology for Clinicians** (Sponsor: University of Utah). Thursday-Saturday. Sheraton Hotel, Salt Lake City. Fee to be announced. 18 hrs. Contact: Richard Baringer, MD, (801) 581-8664.

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## WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

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**December 18—Fever of Unknown Origin.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

**December 26-January 2—(HAWAII) Medicine, Magic and Religion.** Maui. Wednesday-Wednesday. Royal Lahaina. Contact: U/W.

**December 28—Diagnosis of Sleep Disorders.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**January 4—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**January 11—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**January 11—Treatable Hepato-Biliary Disease.** Seattle. Friday. Contact: VMMC.

**January 15—General Topics in Hematology.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

**January 18—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**January 23-25—(MONTANA) Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

**January 24-26—Annual President's Meeting—Modern Ophthalmic Technology.** Washington State Academy of Ophthalmology at Seattle. Thursday-Saturday. Westin. Contact: Patti Smith, WSAO, 2033 Sixth Ave, #900, Seattle 98121. (206) 623-4801.

**January 25—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**January 30—Controversies in Medicine Circuit.** Vancouver. Wednesday. Contact: U/W.

**January 31—Controversies in Medicine Circuit.** Olympia. Thursday. Contact: U/W.

**January 31-February 1—Updates in Cardiology.** Seattle. Thursday-Friday. Westin. Contact: U/W.

**February 1—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**February 1-2—Medical and Surgical Update for Psychiatrists.** Seattle. Friday-Saturday. Contact: VMMC.

**February 8—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**February 15—Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

**February 16—Interventional Radiology to Abdomen.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

**February 16-23—(IDAHO) Internal Medicine.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

**February 19—Total and Home Parenteral Nutrition.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

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### COURSE SPONSORS AND CONTACT INFORMATION

**CME HARBORVIEW**—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

**CME PIERCE COUNTY**—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

**U/W (UNIVERSITY OF WASHINGTON)**—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

**VMMC (VIRGINIA MASON MEDICAL CENTER)**—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

February 20-22—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

February 22—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

February 22-23—**Hemodynamic Monitoring Workshop.** Seattle. Friday-Saturday. Contact: VMMC.

February 23-March 2—(IDAHO) **Office Orthopaedics.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

March 1—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 2-9—(HAWAII) **Medicine in China.** Kauai. Saturday-Saturday. Royal Waikola. Contact: U/W.

March 2-9—(IDAHO) **Electromyography.** Sun Valley. Saturday-Saturday. Elkhorn Resort. Contact: U/W.

March 9-16—(HAWAII) **Imaging for Non-Radiologists.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 15—**Soft Tissue Surgery.** Seattle. Friday. Contact: VMMC.

March 16-23—(HAWAII) **Drug Therapy.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 19—**Epilepsy.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

March 21-22—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

March 22—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 23—**Magnetic Resonance Imaging.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

March 23-30—(HAWAII) **Vascular Disease.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

March 28-29—**Advanced Cardiac Life Support.** Seattle. Thursday-Friday. U/W Health Sciences. Contact: U/W.

March 29—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 30-April 6—(HAWAII) **Neurology.** Maui. Saturday-Saturday. Royal Lahaina. Contact: U/W.

April 5—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 11-12—**DRG.** Seattle. Thursday-Friday. Westin. Contact: U/W.

April 12—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 13—**Handicapped Infant.** Seattle. Saturday. U/W Health Sciences. Contact: U/W.

April 13—**Mason Clinic Day.** Seattle. Saturday. Contact: VMMC.

April 16—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

April 17-19—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

April 18-19—**Death Investigation.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

April 19—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 22-May 3—**Rehab Medicine Review.** Seattle. 12 days. Seattle Sheraton. Contact: U/W.

April 26—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 26-27—**Sexual Assault.** Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.

May 2-3—**Exercising Women.** Seattle. Thursday-Friday. Westin. Contact: U/W.

May 3—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 3-4—**Pharmacology Update.** Seattle. Friday-Saturday. Contact: VMMC.

May 9-10—**Issues in General Pediatrics.** Seattle. Thursday-Friday. Children's Orthopedic Hospital. Contact: U/W.

May 10—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 15-17—**Infectious Diseases.** Seattle. Wednesday-Friday. Westin. Contact: U/W.

May 17—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 18—**Microcomputers in Rehab Medicine.** Seattle. Saturday. Contact: U/W.

May 21—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

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#### CONTINUING MEDICAL EDUCATION

May 22-24—(MONTANA) **Internal Medicine Review.** Great Falls, Billings, Missoula. Wednesday-Friday. Contact: U/W.

May 30-31—**Controversies in Cardiovascular Issues.** Seattle. Thursday-Friday. Contact: U/W.

May 30-31—**Mental Health Policy Forum.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

May 31—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 6-7—**Behavioral Medicine.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

June 6-8—**Medical Emergencies.** Seattle. Thursday-Saturday. Contact: VMMC.

June 7—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 13-14—**Ischemic Heart Disease.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

June 13-14—**Advances in Internal Medicine.** Seattle. Thursday-Friday. Sheraton. Contact: U/W.

June 14—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

June 15—**Contemporary Thoracic Imaging.** Seattle. Saturday. U/W South Campus Center. Contact: U/W.

June 18—**Ballard Hospital Lectures.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

June 19-20—**Financial Planning for Physicians.** Victoria, BC. Wednesday-Friday. Empress Hotel. Contact: U/W.

June 21—**Riverton Hospital Lectures.** Seattle. Friday. Riverton Hospital. Contact: U/W.

#### WYOMING

January 25-26—**20th Annual Wyoming Medical Society Winter Seminar—Coronary Artery Disease Update—1985.** Holiday Inn, Cheyenne. Friday-Saturday. 10 hrs. Cat. 1. \$50, WMS members; \$100, nonmembers. Contact: Wyoming Medical Society, PO Box 4009, Cheyenne 82003. (307) 635-2424. WJM

## WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

**Alaska State Medical Association**—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 8-11, 1985, Haines.

**Arizona Medical Association, Inc.**—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: April 26-27, 1985, The Cottonwoods, Scottsdale.

**California Medical Association**—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: March 8-13, 1985, Town and County, San Diego.

**Colorado Medical Society**—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: 1985—date and place to be announced.

**Hawaii Medical Association**—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: 1985—date and place to be announced.

**Idaho Medical Association**—407 W. Bannock St., PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 24-27, 1985, Sun Valley.

**Montana Medical Association**—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: 1985—date and place to be announced.

**Nevada State Medical Association**—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 9-12, 1985, Hyatt, Lake Tahoe.

**New Mexico Medical Society**—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 1-3, 1985, Marriott, Albuquerque.

**Oregon Medical Association**—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: 1985—date and place to be announced.

**Utah State Medical Association**—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1985—date and place to be announced.

**Washington State Medical Association**—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 19-22, 1985, Jantzen Beach.

**Wyoming Medical Society**—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 23-26, 1985, Jackson Lake Lodge, Moran.

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